

ILLINOIS Environmental Protection Agency
2009 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID: ILD087154555 IL EPA ID: 0990850005

SECTION 1. WASTE DESCRIPTION

A. Waste Description **CONTAMINATED CONCRETE & ASPHALT**B. EPA Hazardous Waste Code(s): **D006 D008**C. Source Code: **G19** Management Method: _____D. Form Code: **W319** Waste Minimization Code **Y**

SECTION 2. QUANTITY GENERATED

A. UOM: **3, Pounds (lbs)** Density: **19.20** lb/gal.B. Quantity Generated in Current reporting year: **71,600.0**

SECTION 3. QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) **N**On-Site System 1: Management Method: _____ Quantity managed on-site this year: **0.0**On-Site System 2: Management Method: _____ Quantity managed on-site this year: **0.0**

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? **Y**

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to: **IND093219012**C. Management method shipped to: **H129**D. Total quantity shipped in this reporting year: **71,600.00**

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to: _____

C. Management method shipped to: _____

D. Total quantity shipped in this reporting year: **0.00**

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to: _____

C. Management method shipped to: _____

D. Total quantity shipped in this reporting year: **0.00**

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to: _____

C. Management method shipped to: _____

D. Total quantity shipped in this reporting year: **0.00**

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to: _____

C. Management method shipped to: _____

D. Total quantity shipped in this reporting year: **0.00**COMMENTS: **Y**

ILLINOIS Environmental Protection Agency
2009 Hazardous Waste Report
Form GM -- Generation and Management

US EPA ID: ILD087154555 IL EPA ID: 0990850005

SECTION 1. WASTE DESCRIPTION

A. Waste Description **CONTAMINATED SOIL**B. EPA Hazardous Waste Code(s): **D006** **D008** _____C. Source Code: **G19** Management Method: _____D. Form Code: **W301** Waste Minimization Code **Y**

SECTION 2. QUANTITY GENERATED

A. UOM: **3, Pounds (lbs)** Density: **11.90** lb/gal.B. Quantity Generated in Current reporting year: **54,334.0**

SECTION 3. QUANTITY MANAGED ON-SITE:

Did this location manage some or all of this waste in RCRA or UIC regulated treatment, recycling, or disposal units at this location? (DO NOT include RCRA exempt processes.) **N**On-Site System 1: Management Method: _____ Quantity managed on-site this year: **0.0**On-Site System 2: Management Method: _____ Quantity managed on-site this year: **0.0**

SECTION 4. OFF-SITE SHIPMENT

A. Was any of this waste shipped off site this reporting year? **Y**

SITE 1.

B. U.S. EPA ID No. of facility waste was shipped to: **IND000646943**C. Management method shipped to: **H141**D. Total quantity shipped in this reporting year: **254.00**

SITE 2.

B. U.S. EPA ID No. of facility waste was shipped to: **IND093219012**C. Management method shipped to: **H111**D. Total quantity shipped in this reporting year: **54,080.00**

SITE 3.

B. U.S. EPA ID No. of facility waste was shipped to: _____

C. Management method shipped to: _____

D. Total quantity shipped in this reporting year: **0.00**

SITE 4.

B. U.S. EPA ID No. of facility waste was shipped to: _____

C. Management method shipped to: _____

D. Total quantity shipped in this reporting year: **0.00**

SITE 5.

B. U.S. EPA ID No. of facility waste was shipped to: _____

C. Management method shipped to: _____

D. Total quantity shipped in this reporting year: **0.00**COMMENTS: **Y**



Monday, December 28, 2009

Mr. Ganesh Krish
Flint Hills Resources
501 Brunner Street
Peru, IL 61354
TEL: (815) 224-5451
FAX: NA

RE: Soil Sampling (Water Line Break Excavation)

PAS WO: 09L0136

Prairie Analytical Systems, Inc. received 2 sample(s) on 12/9/2009 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael D. Brophy".

Michael D. Brophy
Project Manager

Certifications: NELAP/NELAC - IL #100323

1210 Capital Airport Drive	*	Springfield, IL 62707	*	1.217.753.1148	*	1.217.753.1152 Fax
9114 Virginia Road Suite #112	*	Lake in the Hills, IL 60156	*	1.847.651.2604	*	1.847.458.0538 Fax

LABORATORY RESULTS

Client: Flint Hills Resources
Project: Soil Sampling (Water Line Break Excavation)
Client Sample ID: WPL-1
Collection Date: 12/8/09 14:10

Lab Order: 09L0136
Lab ID: 09L0136-01
Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Cadmium	13.9	0.419		mg/Kg dry	2	12/14/09 8:45	12/21/09 3:51	SW 6020A	JTC
*Lead	1970	20.9		mg/Kg dry	100	12/14/09 8:45	12/22/09 5:12	SW 6020A	JTC
*Mercury	U	0.0838		mg/Kg dry	2	12/14/09 8:45	12/21/09 3:51	SW 6020A	JTC
TCLP Metals by ICP-MS									
*Cadmium	0.232	0.00200		mg/L	1	12/14/09 10:00	12/23/09 8:43	SW 6020A	JTC
*Lead	6.44	0.0500		mg/L	10	12/14/09 10:00	12/24/09 5:43	SW 6020A	JTC
*Mercury	U	0.000200		mg/L	1	12/14/09 10:00	12/23/09 8:43	SW 6020A	JTC
Conventional Chemistry Parameters									
*pH	8.14	0.0100		pH Units	1	12/10/09 8:47	12/10/09 10:25	SW 9045C	ARR
Percent Solids	88.2	0.0100		%	1	12/11/09 9:15	12/11/09 15:30	ASTM D2216	RMN

Client Sample ID: WPL-2
Collection Date: 12/8/09 14:20

Lab ID: 09L0136-02
Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Cadmium	17.6	0.391		mg/Kg dry	2	12/14/09 8:45	12/21/09 4:16	SW 6020A	JTC
*Lead	3350	19.5		mg/Kg dry	100	12/14/09 8:45	12/22/09 5:20	SW 6020A	JTC
*Mercury	U	0.0781		mg/Kg dry	2	12/14/09 8:45	12/21/09 4:16	SW 6020A	JTC
TCLP Metals by ICP-MS									
*Cadmium	0.339	0.00200		mg/L	1	12/14/09 10:00	12/23/09 8:51	SW 6020A	JTC
*Lead	16.5	0.100		mg/L	20	12/14/09 10:00	12/24/09 5:51	SW 6020A	JTC
*Mercury	U	0.000200		mg/L	1	12/14/09 10:00	12/23/09 8:51	SW 6020A	JTC
Conventional Chemistry Parameters									
*pH	7.78	0.0100		pH Units	1	12/10/09 8:47	12/10/09 10:28	SW 9045C	ARR
Percent Solids	84.3	0.0100		%	1	12/11/09 9:15	12/11/09 15:30	ASTM D2216	RMN

LABORATORY RESULTS

Client: Flint Hills Resources
Project: Soil Sampling (Water Line Break Excavation) Lab Order: 09L0136

Notes and Definitions

- * NELAC certified compound.
- U Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Central IL- 1210 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152
Chicago Office - PO Box 2116 - Crystal Lake, IL 60039-2116 - Phone (847) 651-2604 - Facsimile (847) 458-9680

www.prairieanalytical.com



Client		Flint Hills Resources, LP						Analysis and/or method Requested								Reporting																																																																																																																																																																																																																									
Address		501 Brunner Street						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Analysis and/or method Requested</div> <div> <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TCLP RCRA Metals (Lead, Cadmium and Mercury)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">RCRA Metals Total (Lead, Cadmium and Mercury)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">pH</div> </div> </div> </div>								TACO																																																																																																																																																																																																																									
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Phone / Facsimile No.		815.224.5451 / 815.224.5278														Ind/Comm																																																																																																																																																																																																																									
Client Project		Soil Sampling (Water-Line Break Excavation)														CALM																																																																																																																																																																																																																									
Location		West Parking Lot						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Analysis and/or method Requested</div> <div> <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TCLP RCRA Metals (Lead, Cadmium and Mercury)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">RCRA Metals Total (Lead, Cadmium and Mercury)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">pH</div> </div> </div> </div>								A B C																																																																																																																																																																																																																									
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Special Instructions: Please e-mail the preliminary lab report to ganesh.krish@fhr.com. Thanks!										C/C Level		On Wet Ice		Temperature (°C)																																																																																																																																																																																																																											
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